

- 7/20/01*
- (b) linking one end of an adapter to a restriction enzyme cleavage site that is complementary to the end of the adapter, and labeling the other end of said adapter;
 - (c) treating the resulting DNA fragments with a second restriction enzyme to bring about first-dimensional fractionation;
 - (d) treating the fractionated DNA fragments of step (c) with a third restriction enzyme to bring about second-dimensional fractionation; and
 - (e) detecting the spots of the labeled DNA fragments fractionated in step (d).
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Please add the following new claims:

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--6. A genomic DNA analytical pattern, which has been obtained by means of a method of analysis according to claim 2.

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7. A pattern according to claim 6, wherein the pattern is one represented by Figs. 4, 5, 6, or 8.

8. A genomic DNA analytical pattern, which has been obtained by means of a method of analysis according to claim 3.

9. A pattern according to claim 8, wherein the pattern is one represented by Figs. 4, 5, 6, or 8.--
